

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-26128
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. NM 032715	
7. Lease Name or Unit Agreement Name Cooper Jal Unit	
8. Well Number 153 w	
9. OGRID Number 193003	
10. Pool name or Wildcat JALMAT: Tansill, Yates & 7-Rivers	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Injector	
2. Name of Operator SDG Resources L. P.	
3. Address of Operator P. O. Box 1390 Montrose, CO 81401	
4. Well Location Unit Letter _____ L _____ : _____ 1440 _____ feet from the _____ SOUTH _____ line and _____ 280 _____ feet from the _____ WEST _____ line Section _____ 19 _____ Township _____ 24S _____ Range _____ 37E _____ NMPM _____ LEA _____ County _____	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,302' KB	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type DIRT _____ Depth to Groundwater _____ feet _____ Distance from nearest fresh water well > _____ feet _____ Distance from nearest surface water > _____ feet	
Pit Liner Thickness: _____ mil _____ Below-Grade Tank: Volume _____ bbls; Construction Material Synthetic _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: Performed Scheduled MIT. <input checked="" type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Objective: Performed Scheduled MIT.

1. MIRU Transport on 11/10/04.
2. Pressured test annulus to 330 psig for 15 minutes – test was good.
3. Pulled pressure chart for NMOCD. NMOCD's Field Rep. B. Hill witnessed the test.
4. RD Transport.
5. Place well on injection at approximately 280 bwpd.
6. Maximum permitted injection pressure is 600 psig.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Domingo Angeles TITLE Senior Petroleum Engineer DATE 11/11/04

Type or print name _____ E-mail address: domingo@sdgresources.com Telephone No. 432-550-7580
For State Use Only

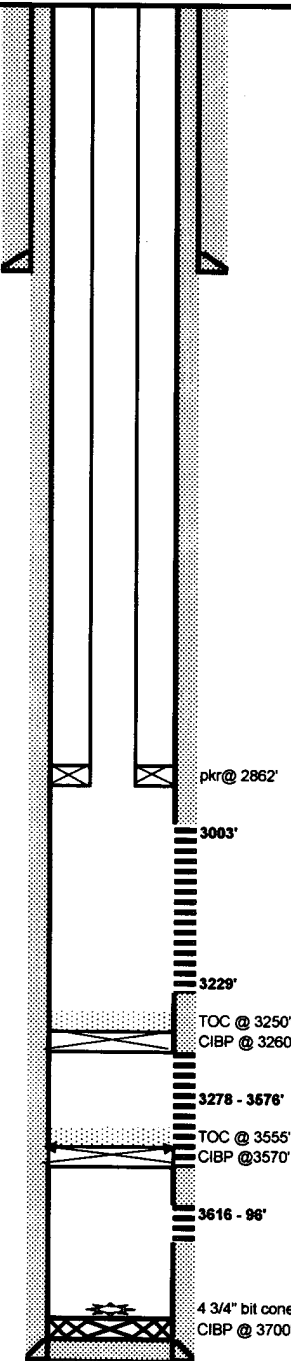
APPROVED BY: Hayward Wink OC FIELD REPRESENTATIVE II/STAFF MANAGER
Conditions of Approval (if any): _____ TITLE _____ DATE _____

NOV 22 2004

WELLBORE SCHEMATIC AND HISTORY

CURRENT COMPLETION SCHEMATIC

Surface Csg
Hole Size: 12 1/2 in
Csg. Size: 8 5/8 in
Set @: 368 ft
Sxs Cmt: 250
Circ: Yes
TOC @: surf
TOC by: circ



Production Csg.
Hole Size: 7 7/8 in
Csg. Size: 5 1/2 in
Set @: 3711 ft
Sxs Cmt: 1000
Circ: Yes
TOC @: surface
TOC by: circ

PBTD: 3250 ft
TD: 3711 ft

LEASE NAME				Cooper Jal Unit		WELL NO.		153	
STATUS:		Active		Water Injector		API#		30-025-26128	
LOCATION:		1400 FSL & 280 FWL, Sec 19, T - 24S, R - 37E; Lee County, New Mexico							
SPUD DATE:		01/04/79		TD		3711		KB 3,302' DF	
INT. COMP. DATE:		02/01/79		PBTD		3250		GL 3,291'	

GEOLOGICAL DATA

ELECTRIC LOGS:
GR-N (1-17-79 WELEX)
GR-N (12-27-48 Lane Wells)
Forxo-Guard log (1-5-55 Halliburton)
Tracer Survey (6-27-91 Cardinal Surveys)

CORES, DST'S or MUD LOGS:

HYDROCARBON BEARING ZONE DEPTH TOPS:

Yates @ 3003'
Seven Rivers @ 3278'
Queen @ 3616'

CASING PROFILE

SURF. 8 5/8" - 24#, K-55 set @ 368' Cmt'd w/250 sxs - circ cmt to surf.
PROD. 5 1/2" - 15.5#, K-55 set @ 3711' Cmt'd w/1000 sxs - circ cmt to surface.
LINER None

CURRENT PERFORATION DATA

CSG. PERFS:
3003', 05, 07, 10, 13, 15, 17, 19, 21, 22, 23, 24, 25, 27, 44, 47, 61, 62, 63, 64, 65, 67, 85, 87, 89, 90, 91, 92, 93, 95, 97, 3102', 17, 19, 31, 33, 34, 35, 37, 39, 43, 47, 49, 51, 57, 3211', 13, 15, 25, 27, 29 w/ 2 spf (118 holes total)
CIBP is isolating all perfs listed bek 3278', 80', 82', 84', 3337', 39', 3409', 11', 14', 41', 44', 47', 70', 74', 78', 3574', & 76' w/ 1 spf (17 holes total - 4: 3616 - 96' (86 holes)

OPEN HOLE :

TUBING DETAIL

1/28/2000

ROD DETAIL

Length (ft) Detail
0.00 KB
2860.28 92 jts - 2 3/8" 4.7#, IPC, J-55, 8rd EUE tbg.
7.00 1- 5 1/2" x 2 3/8" Guiberson UNI VI, IPC, packer
2867.28 btm

WELL HISTORY SUMMARY

01-Feb-79 Initial completion - perf'd (Seven Rivers) 3278 -3576'; Acldz'd w/4,500 gals dropping 25 ball sealers. Fraced w/42,200 gals gelled water carrying 32,500#s 20/40 sand & 15,000#s 10/20 sand dropping 18 ball sealers. Generating 2 equal stages (Max sand concentration was 2 ppg). IP= 48 bopd, 189 bwpd, & 45.6 Mcf/gpd (pumping).
07-May-87 C/O to 3700'; Added perf's 3616 - 96' (86 holes). Acldz'd w/ 3,500 gals; Frac'd w 30,000 gals carrying 59,000#s 12/20 (Max sand concentration was 7 ppg). Added perf's 3003 - 3229' (118 holes). Acldz'd w/ 6,000 gals; Frac'd w/44,100 gals carrying 75,000#s 12/20 sand. AIR=17.5 bpm, PM=2200 - 1400 psi. C/O frac sand from 3155 - 3570'. Drd CIBP @ 3260' and pushed to 3700'. Lost cone off 4 3/4" bit. TOF (4 3/4" cone) est. @ 3700'. Set CIBP @ 3570' and dumped 15' cmt on top. PBTD @ 3555'. After WO: 50 bopd, 149 bwpd, GOR=840
01-Aug-95 C/O & CONVERT TO INJECTOR: Set CIBP @ 3260'. Dmp 10' cmt on top of CIBP. PBTD @ 3250'. Acldz'd perfs 3003'-3229' w/5000 gals 15% NEFE HCL & 1700#s rock salt in 4 stages. AIR=5.2 bpm, ISIP=vacuum. Ran injection tbg & pkr. Set pkr @ 2944'. Initiated Injection at 672 bwpd, TP=vacuum
05-Jan-00 C/O (scale and iron sulfide) from 3033' - 3252' (219'). RIH w/pkr to 3200' & tst csg to 500 psi. OK. Acldz'd perfs 3003 - 3229' w/4,000 gals 15% NEFE HCL. Swab perfs recovering 108 BLW w/ no oil skim. Ran pkr on 2 3/8" IPC tbg. Set pkr @ 2867'. Initiated Injection @ 500 bwpd, TP=0 psi.
14-Feb-02 Tag TD using SL unit (1 1/4" x 5' sinker bar). Tag fill @ 3243' (7' of fill)

PREPARED BY:

Larry S. Adams

D. Carrizales

[UPDATED:

20-May-04

